

SEQUENCE LISTING

(1) GENERAL INFORMATION:

5 (i) APPLICANT:
NAME: ARCH DEVELOPMENT CORPORATION
STREET: 1101 East 58th Street
CITY: Chicago
10 STATE: Illinois
COUNTRY: United States of America
POSTAL CODE: 60637
TELEPHONE NO: (312) 702-1692
TELEFAX NO: (312) 702-0741

15 (ii) INVENTOR: Drmanac, Radoje

(iii) TITLE OF INVENTION: Methods and Compositions for
Efficient Nucleic Acid
20 Sequencing

(iv) NUMBER OF SEQUENCES: 10

(v) CORRESPONDENCE ADDRESS:
25 (A) ADDRESSEE: Arnold, White & Durkee
(B) STREET: P. O. Box 4433
(C) CITY: Houston
(D) STATE: TX
(E) COUNTRY: USA
30 (F) ZIP: 77210-4433

(vi) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
35 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Ver. #1.25

(vii) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: FILING HEREWITH
40 (B) FILING DATE: FILING HEREWITH
(C) CLASSIFICATION:

(viii) PRIOR APPLICATIONS DATA:
(A) APPLICATION NUMBER: USSN 08/303,058
45 (B) FILING DATE: 08 SEPTEMBER 1994 (08.09.94)
(C) CLASSIFICATION: UNKNOWN

(A) APPLICATION NUMBER: USSN 08/127,420
(B) FILING DATE: 27 SEPTEMBER 1993 (27.09.93)
50 (C) CLASSIFICATION: UNKNOWN

(ix) ATTORNEY/AGENT INFORMATION:
(A) NAME: Parker, David L.
(B) REGISTRATION NUMBER: 32,165
55 (C) REFERENCE/DOCKET NUMBER: ARCD146P--\PAR

1068301 020502

- (x) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: (512) 418-3000
(B) TELEFAX: (512) 474-7577

5

(2) INFORMATION FOR SEQ ID NO:1:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

15

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

AAAAAATTTT TT

12

20

(2) INFORMATION FOR SEQ ID NO:2:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 13 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

30

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AAAAAATTTT TTC

13

35

(2) INFORMATION FOR SEQ ID NO:3:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single
(D) TOPOLOGY: linear

45

- (ii) MOLECULE TYPE: DNA

- (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

AAAAATTTT TA

12

50

(2) INFORMATION FOR SEQ ID NO:4:

- (i) SEQUENCE CHARACTERISTICS:
(A) LENGTH: 12 base pairs
(B) TYPE: nucleic acid
(C) STRANDEDNESS: single

55

205020" T0E29001

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

5 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

AAAAATTTTT TT

12

10 (2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

15 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

AAAAATTTTT TC

12

25 (2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

30 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

AAAAATTTTT TG

12

40 (2) INFORMATION FOR SEQ ID NO:7:

(i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 12 base pairs

(B) TYPE: nucleic acid

45 (C) STRANDEDNESS: single

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: DNA

50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

TAAAAATTTTT TT

12

55 (2) INFORMATION FOR SEQ ID NO:8:

205020-1088900T

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

5

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

10

CAAAAATTTT TT

12

(2) INFORMATION FOR SEQ ID NO:9:

15

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 12 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

20

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:

25

GAAAAATTTT TT

12

(2) INFORMATION FOR SEQ ID NO:10:

30

- (i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 11 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: single
 (D) TOPOLOGY: linear

35

(ii) MOLECULE TYPE: DNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

40

AAAAAATTTT T

11

10068301.020502